



ER-2 MISSION DATA CARD

ORACLES Checkout



PILOT		TAKEOFF DATE		SCHED T/O		ACTUAL T/O		LAND		FLIGHT TIME		
		2 AUG 16		16:00:00 Z								
NASA809				3 kt jet <i>Speeds</i>		ATIS / CLEARANCE					IRIDIUM Preset Char	
Takeoff Time (Z): 16:00:00		Fuel Load: 1453		Glide								
Land Time (Z): 20:13:36		Fuel Used: 908		<i>Min Sink</i>						2		
Sched Duration : 04+13+36		Fuel On Board: 06+29+39		NF "T"						3		
				Flap "T"						4		
WP#	Fix/Point	VOR	Altitude	TC	IM	TAS	Dist	Time	Fuel	ATA	REMARKS	
DTD#	Description	TAC	Latitude Longitude	MC Bank	Temp Wind	CAS GS	Leg Total	Leg Total Clock	Leg Total FF	Actual Fuel		
1	KPMD 22/RW PALMDALE USAF		2491M N 34 38.24 W118 03.62	231 T 219 M 20 °	+27C 205/007	T C G	0 0	+03.0 +03.0 16:00.0	50 1403	-----		
	.level off		17500M N 34 42.96 W118 07.92	334 T 322 M °	N/A -5C 219/007	N/A T N/A C N/A G	7 7	+02.4 +05.4 16:05.4	66 1337 1636	-----		
2	ROSIE/W ROSIE		17500M N 34 51.15 W118 12.39	334 T 322 M 20 °	.34 -5C 219/007	215 T 160 C 216 G	9 16	+02.5 +07.9 16:07.9	11 1326 267	-----		
3	OAL/R183051 .EWALD	117.70 124X	61455M N 37 12.00 W118 07.75	001 T 348 M 20 °	N/A -61C 098/005	N/A T N/A C N/A G	141 156	+28.1 +36.0 16:36.0	173 1153 369	-----		
	.level off		64000M N 37 36.21 W117 51.93	031 T 018 M °	N/A -61C 088/016	N/A T N/A C N/A G	27 184	+05.6 +41.6 16:41.6	20 1133 369	-----		
4	OAL/R167018 .12_2	117.70 124X	64000M N 37 42.38 W117 47.72	031 T 018 M 20T °	.70 -61C 088/016	398 T 118 C 393 G	7 191	+01.1 +42.7 16:42.7	3 1130 186	-----		
	.level off		65000M N 37 47.11 W117 38.35	058 T 045 M °	N/A -61C 093/016	N/A T N/A C N/A G	9 199	+02.1 +44.7 16:44.7	7 1123 201	-----		
5	TPH/R280003 .12_3	117.20 119X	65000M N 38 03.33 W117 05.82	059 T 047 M 20 °	.70 -61C 093/016	397 T 116 C 386 G	30 230	+04.7 +49.5 16:49.5	14 1109 181	-----		
6	TPH/R035044 .12_4	117.20 119X	65000M N 38 28.48 W116 17.63	058 T 045 M 20T °	.70 -61C 092/015	398 T 116 C 387 G	45 275	+07.1 +56.5 16:56.5	21 1088 180	-----		
7	.N5 ON		65000M N 38 29.68 W115 53.42	087 T 075 M 20T °	.70 -61C 088/015	397 T 116 C 383 G	19 294	+03.0 +59.5 16:59.5	9 1079 179	-----		
8	ILC/R268063 .RR VALLEY	116.30 110X	65000M N 38 30.24 W115 41.52	087 T 075 M 20 °	.70 -61C 086/015	397 T 116 C 382 G	9 304	+01.5 01+01.0 17:01.0	4 1075 179	-----		
9	.N5 OFF		65000M N 38 30.72 W115 29.65	087 T 075 M 20 °	.70 -61C 085/015	397 T 116 C 382 G	9 313	+01.5 01+02.4 17:02.4	4 1071 178	-----		
10	ILC/R281037 .10 DEG 360	116.30 110X	65000M N 38 31.62 W115 06.39	087 T 075 M 10L °	.70 -61C 085/015	397 T 116 C 382 G	18 331	+02.9 01+05.3 17:05.3	9 1062 178	-----		
11	.END 360		65000M N 38 31.54 W115 05.41	092 T 080 M 20 °	.70 -61C 084/015	397 T 116 C 382 G	83 414	+13.0 01+18.3 17:18.3	38 1024 177	-----		
12	ILC/R301036 .TP	116.30 110X	65000M N 38 41.31 W114 55.48	018 T 006 M 20R °	.70 -61C 085/015	397 T 116 C 395 G	14 428	+02.1 01+20.4 17:20.4	6 1018 176	-----		

WP# DTD#	Fix/Point Description	VOR TAC	Altitude Latitude Longitude	TC MC Bank	IM Temp Wind	TAS CAS GS	Dist Leg Total	Time Leg Total Clock	Fuel Leg Total FF	ATA Actual Fuel	REMARKS
13	ILC/R281037 .12_6	116.30 110X	65000M N 38 31.62 W115 06.39	263 T 251 M 20R °	.70 -61C 085/015	397 T 116 C 412 G	43 471	+06.2 01+26.6 17:26.6	18 1000 175	-----	
14	.N5 ON		65000M N 38 30.72 W115 29.65	267 T 255 M 20R °	.70 -61C 084/015	397 T 116 C 412 G	18 489	+02.7 01+29.3 17:29.3	8 992 175	-----	
15	ILC/R268063 .RR VALLEY	116.30 110X	65000M N 38 30.24 W115 41.52	267 T 255 M 20 °	.70 -61C 085/015	397 T 116 C 412 G	9 498	+01.4 01+30.6 17:30.6	4 988 174	-----	
16	.N5 OFF/N4 ON		65000M N 38 29.68 W115 53.42	266 T 254 M 20 °	.70 -61C 086/015	397 T 116 C 412 G	9 508	+01.4 01+32.0 17:32.0	4 984 174	-----	
17	TPH/R035044 .12_8	117.20 119X	65000M N 38 28.48 W116 17.63	266 T 254 M 20 °	.70 -61C 088/015	398 T 116 C 412 G	19 527	+02.8 01+34.8 17:34.8	8 976 174	-----	
18	HZN/R156027 .N4 OFF/ON	114.10 088X	65000M N 39 03.78 W118 55.75	287 T 275 M 20 °	.70 -60C 088/014	398 T 116 C 412 G	129 655	+18.7 01+53.5 17:53.5	54 922 172	-----	
19	FMG/R204033 .TAHOE	117.90 126X	65000M N 39 06.48 W120 07.14	273 T 260 M 20 °	.70 -60C 087/012	398 T 116 C 410 G	56 711	+08.2 02+01.6 18:01.6	23 899 170	-----	
20	ILA/R067045 .N4 OFF/ON	114.40 091X	65000M N 39 07.87 W121 03.77	272 T 258 M 20T °	.70 -60C 090/010	398 T 116 C 408 G	44 755	+06.5 02+08.1 18:08.1	18 881 169	-----	
21	OSI/R211016 .N4 OFF/ON	113.90 086X	65000M N 37 13.26 W122 31.44	210 T 196 M 20T °	.70 -61C 090/012	397 T 116 C 401 G	133 888	+19.9 02+28.0 18:28.0	56 825 168	-----	
22	PYE/R228105 .N4 OFF/ON	113.70 084X	65000M N 37 18.91 W124 51.20	273 T 260 M 20 °	.70 -61C 085/014	398 T 116 C 412 G	111 999	+16.2 02+44.2 18:44.2	45 780 165	-----	
23	OSI/R209015 .N4 OFF	113.90 086X	65000M N 37 13.26 W122 30.18	093 T 079 M 20 °	.70 -61C 086/014	397 T 116 C 383 G	138 1137	+21.6 03+05.8 19:05.8	58 722 163	-----	
24	.N3 ON		65000M N 37 10.90 W122 24.40	132 T 119 M 20 °	.70 -61C 087/014	397 T 116 C 385 G	5 1142	+00.8 03+06.6 19:06.6	2 720 161	-----	
25	SNS/R234013 .MONTEREY	117.30 120X	65000M N 36 35.57 W121 51.30	142 T 128 M 20 °	.70 -61C 086/015	397 T 116 C 386 G	44 1186	+06.9 03+13.5 19:13.5	18 702 161	-----	
26	BSR/R108021 .N3 OFF/N4 ON	114.00 087X	65000M N 35 59.09 W121 17.27	141 T 128 M 20 °	.70 -61C 087/016	397 T 116 C 385 G	46 1232	+07.1 03+20.6 19:20.6	19 683 160	-----	
27	FLW/R346029 .N4 OFF/N3 ON	117.50 122X	65000M N 35 34.81 W119 50.69	107 T 094 M 20 °	.70 -62C 087/017	397 T 116 C 379 G	75 1306	+11.8 03+32.4 19:32.4	31 652 159	-----	
28	EHF/R139010 .BAKERSFIELD	115.40 101X	65000M N 35 19.92 W119 00.00	109 T 096 M 20T °	.70 -62C 087/018	397 T 116 C 379 G	44 1350	+07.0 03+39.4 19:39.4	18 634 158	-----	
29	EDW/R269015 .N3 OFF	116.40 111X	65000M N 35 02.51 W118 01.15	109 T 097 M 20 °	.70 -62C 087/018	396 T 116 C 379 G	51 1402	+08.1 03+47.5 19:47.5	21 613 157	-----	
	.descent pt		65000M N 35 03.22 W117 54.21	056 T 044 M 20 °	.70 -62C 087/018	397 T 116 C 272 G	6 1408	+00.9 03+48.4 19:48.4	2 611 153	-----	
30			48124M N 35 32.04 W118 01.32	348 T 336 M 20 °	N/A -62C 087/018	N/A T N/A C N/A G	30 1438	+06.7 03+55.1 19:55.1	17 594 150	-----	

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DTD#	Description	TAC	Latitude Longitude	MC Bank	Temp Wind	CAS GS	Leg Total	Leg Total Clock	Leg Total FF	Actual Fuel	
31	ROSIE/W ROSIE		14668M N 34 51.15 W118 12.39	176 T 164 M 20 °	N/A -20C 087/018	N/A T N/A C N/A G	57 1495	+13.2 04+08.3 20:08.3	33 561 150	-----	
32	FORDA/W FORDA		4500M N 34 38.37 W117 57.04	130 T 118 M 20 °	N/A +24C 103/005	N/A T N/A C N/A G	18 1514	+02.3 04+10.6 20:10.6	6 555 150	-----	
33	KPMD/A PALMDALE USAF		2543M N 34 37.76 W118 05.07	264 T 252 M 20 °	+25C 227/007	T C G	7 1520	+03.0 04+13.6 20:13.6	10 545	-----	